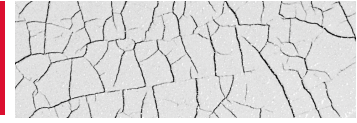


## MR<sup>®</sup> 210 Magnetic powder black



### Product characteristics

- Highly sensitive non-fluorescent magnetic powder with ferromagnetic particles for wet testing as well as for dry testing on warm and hot surfaces
- 1:100 to 1:1000 suspendable with oil or water
- Sediment 1:1000 : 0.10-0.20 ml / 100 ml (1 h)
- Sediment 1:200 : 0.6-1.2 ml / 100 ml (1 h)
- Sediment 1:100 (ASTM E1444/1444M) : 1.2-2.4 ml / 100 ml (1 h)
- Suitable for all light-colored substrates or, with the use of MR<sup>®</sup> Contrast paint, also for dark surfaces
- ECO-LINE
- Color crack indication black
- Average grain size  $d_{50}$  = approx. 2 - 3  $\mu$ m

### Minimum shelf life / temperatures

Bulk: 3 years at storage temperature  
Storage: +5 °C - +45 °C  
Application: Water + 5 °C - + 85 °C  
MR<sup>®</sup> 82 (all types) - 10 °C - + 150 °C  
Powder till < 500 °C



### Approvals / Specification

- EN ISO 9934-2
- AMS 3042
- ASTM E709
- ASTM E1444/1444M
- ASME Code V, Art. 7
- ASME B & PV Code, Sec. V
- RCC-M



### Further information

Process description according to EN ISO 9934-1 available on request or at [www.mr-chemie.de/en](http://www.mr-chemie.de/en).  
For further information, please refer to our Safety Data Sheet and 3.1 certificate.  
For necessary and supplementary test accessories, visit our website or contact our staff.

### Suggested products

Pre-cleaner: MR<sup>®</sup> 71, MR<sup>®</sup> 79, MR<sup>®</sup> 85, MR<sup>®</sup> 88, MR<sup>®</sup> 3001 und MR<sup>®</sup> 3002  
Contrast paint: MR<sup>®</sup> 72, MR 72 AF, MR 72 LS, MR<sup>®</sup> 725, MR<sup>®</sup> 726, MR<sup>®</sup> 727, MR<sup>®</sup> 721  
Test body: Reference block 1 and 2, Test block  
Measuring device: Field strength meter  
Hand yoke: MR<sup>®</sup> 50, MR<sup>®</sup> 56

### Delivery form



\*\*Technical changes reserved!\*\*